

AAMISEPP, I.; EICHENBAUM, E.; HALLER, E.; KAARLI, K.; KIIK, H.;  
KIVI, V.; KOTKAS, H.; KORJUS, H.; LEIVATEGIJA, L.; LIIV, J.;  
LÄNTS, L.; MÄLKSCO, A.; PEDAJA, V.; POLNA, H.; RANDALU, I.;  
RUUGE, J.; SEKSEL, H.; TOOMRE, R.; TUPITS, H.; TUUL, S.;  
TÖNISSON, H.; TÄÄGER, A.; VIIRAND, M.; VAHENÕMM, K.; ARAK, A.,  
red.

[Plant breeding] Taimekasvatus. Tallinn, Eesti Raamat, 1964.  
813 p. [In Estonian] (MIRA 18:1)

1. TUUL, S. I.
2. USSR (600)
4. Oats - Estonia
7. Khiamarik oats of Jogeva. Sel. 1 sem. 19 no.10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

1. TUUL, S. I.
2. USSR (600)
4. Estonia - Oats
7. Khiamarik oats of Jogeva. Sel. i sem. 19 No. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KHALDNA, Yu.L. [Haldna, J.]; TUULMETS, A.V.; LAANESTE, Kh.E. [Laaneste, H.];  
TIMOTKHEUS, Kh.R. [Timotheus, H.]

Gas liquid chromatographic separation of mixtures of alcohols,  
ketones, and nitro compounds. Izv. vys. ucheb. zav., khim. i  
khim. tekh. 7 no.5:865-867 '64 (MIRA 18:1)

1. Laboratoriya khimicheskoy kinetiki i kataliza Tartuskogo  
gosudarstvennogo universiteta.

TUULMETS, A.V.; PARTS, E.O.; PLOOM, L.R.

Thermal effects of the reaction of methyl- and ethyl magnesium bromide with some ketones. Zhur.ob.khim. 33 no.10: 3124-3126 0 '63.  
(MIRA 16:11)

1. Tartuskiy gosudarstvennyy universitet.

POPOVA, L.A., inzh.; ANTIPINA, V.I.; GRAKHOV, A.N., starshiy inzh.; PERSHINA, M.P., tekhn.; TEREN'T'YEVA, K.A., starshiy tekhn.; ZARINA, Ye.S.; TUULYA-METS, Kh.Yu., inzh.; MERILA, L.A., starshiy inzh.; KUZNETSOV, I.V., red.; EYPRE, T.F., red.; SVITINA, A.A., red.; MOISEYEV, I.N., red.; FLAUM, M.Ya., tekhn. red.

[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeor. izd-vo. 1957. Vol.1. [Basin of the Baltic Sea] Bassein Baltiiskogo moria. Nos.0-3. [Basins of the Gulf of Finland and the Gulf of Riga from the Russian-Finnish frontier to the northern watershed of the Salaca River] Basseiny Finskogo i Rizhskogo zalivov ot gosudarstvennoi granitsy s Finliandiei do severnogo vodorazdela r.Salatsa. Pod red. I.V.Kuznetsova i T.F.Eipre. 1961. 460 p. (MIRA 14:9)  
(Baltic Sea region--Hydrology) (Kama Valley--Hydrology)

"APPROVED FOR RELEASE: 04/03/2001

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**CIA-RDP86-00513R001757620013-9"**



N L 13179-66

ACC NR: AP6001853 SOURCE CODE: UR/0310/65/000/009/0048/0048

AUTHOR: Tuv, I. (Candidate of technical sciences); Kalinin, Yu. (Engineer)

ORG: None

TITLE: A device for the purification of waste water

SOURCE: Rechnoy transport, no. 9, 1965, 48

TOPIC TAGS: water purification, fresh water, water purification equipment, ship, ship component

ABSTRACT: The Leningrad Institute of Water Transportation (Leningradskiy institut vodnogo transporta) developed a new design of a standard shipborne device for the removal of petroleum products from the ship's waste water. The device, shown in Fig. 1, is designated for Diesel ships of the river fleet. The capacity of the unit is 300 liter/hr. The device was tested successfully on the motor ship "Sochi" (SZRP) and motor ship "Reshma". (VORP). Orig. art. has: 1 figure.

Card

1/2

UDC: 629.128:628.16.004

L 13179-66

ACC NR: AP6001853

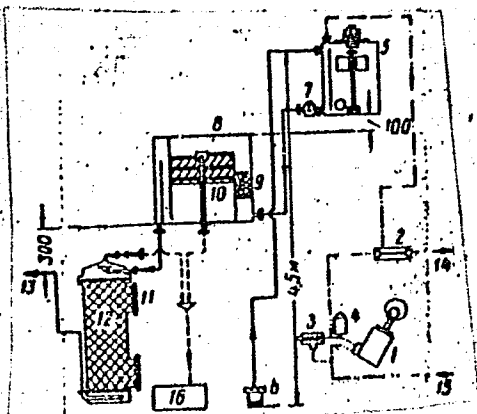


Fig. 1. Block diagram of the unified shipborne device for the removal of petroleum products from waste water (LIVT design). -- waste water; -- separated petroleum products; -.- air; -.-.- outside water; 1 - pump with a 2 t/hr capacity,  $p = 2 \text{ kg/cm}^2$ ; 2 - water jet pump; 3 - discharge valve; 4 - air chamber; 5 - vacuum tank; 6 - input chamber; 7 - one way valve; 8 - coarse purification filter; 9 - coke insert; 10 - petroleum layer; 11 - fine purification filter; 12 - wood chips with sawdust; 13 - purified water for the ship; 14 - water over the side; 15 - water from over the side; 16 - petroleum collecting tank.

SUB CODE: 13 / SUBM DATE: none

Card 2/2

BROVMAN, Ya.S.; TUV, A.M.

Improving the reliability of electric equipment of heavy machine  
tools. Stan.1 instr. 33 no.12:3-7 D '62. (MIRA 16:1)  
(Machine tools--Electric driving)

TUV, I.A., kand. tekhn. nauk; KALININ, Yu.V., inzh.

Device for deoiling sump waters. Trudy LIT no.72:22-29 '64.  
(MIRA 18:10)

TUV, I., kand.tekhn.nauk; FEDOTOV, V., inzh.

Simplified method of determining the calorific value of fuel oil.  
Rech. transp. 20 no. 3:28-29 Mr '61. (MIRA 14:5)  
(Petroleum as fuel) (Calorimetry)

TUV, Izraill' Aronovich; PETRENKO, A.F., red.; VOLCHOK, K.M., tekhn.  
red.

[Firing water-cut fuel oil in marine steam boilers] Szhiganie  
obvodnenykh mazutov v sudovykh parovykh kotlakh. Leningrad,  
Izd-vo "Rechnoi transport," 1962. 63 p. (MIRA 15:7)  
(Petroleum as fuel) (Boilers, Marine)

TUV, I.A., kand.tekhn.nauk; FEDOTOVA, V.N., inzh.

Simplified method of determining fuel oil efficiency. Trudy  
LIVT no.18:25-31 '61. (MIRA 14:9)  
(Petroleum as fuel--Testing)

TUTUROV, A.A.

Effect of hydrocortisone on the allergic skin reaction of  
a retarded type. Izv. AN Kazakh. SSR. Ser. med. nauk no.3:  
59-62 '63. (MIRA 17:1)



TUV, I.A., kand.tekhn.nauk; IOFF, U.M., inzh.

Efficiency of burning watery fuel oils. Proizv.-tekhn. sobr. no.3:3-  
19 '59. (MIRA 13:10)

1. Leningradskiy institut vodnogo transporta.  
(Petroleum as fuel) (Marine engines---Combustion)

TUV, I.A., kand. tekhn. nauk; IOFF, U.M., inzh.

Utilizing heavily watered fuel oils as boiler fuel. Rech. trans.  
18 no.8:29-32 Ag '59. (MIRA 12:12)  
(Petroleum as fuel)

Tuv, I.A.  
SHAPKIN, Il'ya Fedorovich; VESELOV, Mikhail Petrovich; TUV, I.A., retsenzent;  
ALEKSANDROV, A.S., redaktor; SHLENNIKOVA, Z.V., redaktor izdatel'stva;  
TSVETKOVA, S.V., tekhnicheskii redaktor

[Soda regenerative water softeners for steam equipment in river  
transportation] Sodoregenerativnye vodoumiaschiteli dlia rechnykh  
parosilovykh ustanovok. Moskva, Izd-vo "Rechnoi transport," 1957.  
49 p.. (MIRA 10:7)

(Feed-water purification)

TUVAN, G:

Development of public health in the Mongolian People's Republic.  
Zdrav. Kazakh. 21 no.9:77-79 '61. (MIRA 14:10)

1. Ministr ~~zdravookhraneniya~~ Mongol'skoy Narodnoy Respubliki.  
(MONGOLIA—PUBLIC HEALTH)

TUVAYEVA, A.A., assistenka

Nonuniformity of the measuring off of weft yarn on pneumatic  
looms. Tekst. prom. 24 no.8:39-43 Ag '64. (MIRA 17:10)

1. Kafedra proyektirovaniya tekstil'nykh mashin Moskovskogo  
tekstil'nogo instituta.

TUYAYEVA, A.A., aspirant

Pneumatic projection of weft through the shed (from "Journal of the Textile Institute," Oct. 1959). Tekst.prom. 20 no.9:82-84 S '60. (MIRA 13:10)

1. Moskovskiy tekstil'nyy institut.  
(United States--Weaving)

DALKHAZHAY, N.; ZLATEVA, A.Y.; KORBEL, Z.F.; MARKOV, P.K.; TODOROV, T.S.;  
TUVDENDORZH, D.; CHERNEV, Kh.M.; SHAFRANOVA, M.G.

Elastic scattering of 4Gev./c mesons by protons. Zhur. eksp.  
i teor. fiz. 47 no.1:12-15 J1 '64. (MIRA 17:9)

1. Ob'yedinennyy institut yadernykh issledovaniy. 2. Sotrudniki  
Instituta fiziki i khimii Mongol'skoy Akademii nauk, Ulan-Bator  
(for Dalkhazhav, Tuvdendorzh). 3. Sotrudniki Fizicheskogo  
instituta i atomnoy nauchno-issledovatel'skoy laboratorii  
Bolgarskoy Akademii nauk, Sofiya. (for Zlateva, Markov, Todorov,  
Chernev).

DZHANELIDZE, L.P.; KOPYLOVA, D.K.; KOROLEVICH, Yu.B.; KOSTANASHVILI, N.I.;  
MANDRITSKAYA, K.V.; PETUKHOVA, N.I. [deceased]; PODGORETSKIY, M.I.;  
TUVDENDORZH, D.; SHAKHULASHVILI, O.A.; CHZHEN PU-IN [CHEN P'U YING]

Production of charged hyperons by 9 Bev. protons interacting with  
nuclei of photo emulsion. Zhur.eksp.i teor.fiz. 39 no.5:1237-1241  
N '60. (MIRA 14:4)

1. Ob'yedinennyy institut yadernykh issledovaniy, Institut fiziki AN  
Gruzinskoy SSR i Tbilisskiy gosudarstvennyy universitet.  
(Mesons) (Protons) (Photography, Particle track)



GRAMENITSKIY, I.M.; DANYSH, M.Ya.; LYUBIMOV, V.B.; PODGORETSKIY, M.I.;  
TUVDENDORZH, D.

Angular relationship of secondary particles produced during  
collision of high-energy nuclear particles. Zhur. eksp. i teor. fiz.  
35 no.2:552-553 Ag '58. (MIRA 11:10)

1. Ob'yedinennyy inatitut yadernykh issledovaniy.  
(Collisions (Nuclear physics)) (Particles, Elementary)

VISHKI, T.; GRAMENITSKIY, I.M.; KORBEL, Z.; NOMOFILOV, A.A.; PODGORETSKIY,  
M.I.; ROB, L.; STREL'THOV, V.N.; TUVDENDORZH, D.; KHVASTUNOV, M.S.

Inelastic interactions between protons and nucleons at an energy  
of 9 Bev. Zhur.eksp.i teor.fiz. 41 no.4:1069-1075 0 '61.  
(MIRA 14:10)

1. Ob'yedinennyy institut yadernykh issledovaniy.  
(Protons) (Nucleons)

DZHANELIDZE, L.P.; MANDRITSKAYA, K.V.; SHAKHULASHVILI, O.A.;  
KOPYLOVA, D.K.; KOROLEVICH, Yu.B.; PETUKHOVA, N.I. [deceased];  
TUVDENDORZH, D.; CHZHEN PU-IN [Chen P'u-ying]; KONSTANASHVILI, N.I.

Angular distribution of the decay products of hyperons,  
formed by protons in a photographic emulsion. Zhur. eksp. i  
teor. fiz. 38 no.3:1004-1005 Mr '60. (MIRA 13:7)

1. Ob'yedinenyy institut yadernykh issledovaniy.  
(Particles (Nuclear physics))  
(Particle track photography)

KIRILLOVA, L.F.; NIKITIN, V.A.; PANTUYEV, V.S.; SVIRIDOV, V.A.; STRUNOV, L.N.;  
KHACHATURYAN, M.N.; KHRISTOV, L.G.; SHAFRANOVA, M.G.; KORBEL, Z.; ROB, L.;  
DAMYANOV, S.; ZLATEVA, A.; ZLATANOV, Z.; YORDANOV, V. [Iordanov, V.];  
KANAZIRSKI, Kh.; MARKOV, P.; TODOROV, T.; CHERNEV, Kh.; DALKHAZHAY, N.;  
TUVDENDORZH, D.

Elastic pp and pd-scattering at small angles in the energy range  
2 - 10 Bev. IAd. fiz. 1 no.3:533-539 Mr '65. (MIRA 18:5)

1. Ob'yedinennyy institut yadernykh issledovaniy. 2. Vyssheye  
tekhnicheskoye uchilishche, Praga (for Korbelt, Rob). 3. Fizicheskyy  
institut Bolgarskoy Akademii nauk, Sofiya (for Damyanov, Zlateva,  
Zlatanov, Yordanov, Kanazirski, Markov, Todorov, Chernev). 4. Institut  
khimii i fiziki, Ulan-Bator, Mongol'sakaya Narodnaya Respublika (for  
Dalkhazhav, Tuvdendorzh).

KORBEL, Z.F.; SHAFRANOVA, M.G.; ZLATEVA, A.I.; MARKOV, P.K.;  
TODOROV, T.S.; CHERNEV, Kh.M.; DALKHAZHAY, N.; TUVDENDORZH, D.;  
ZRELOVA, N.N., tekhn. red.

[Elastic scattering of  $\pi^-$ -mesons on protons at a momentum  
of 4 GeV/c] Uprugoe rasseianie  $\pi^-$ -mezonov na protonakh pri  
impul'se 4 GeV/s. Dubna, Ob"edinenyyi in-t iadernykh issledo-  
vaniy, 1963. 7 p. (MIRA 17:1)

1. Institut fiziki i khimii Mongol'skoy Akademii nauk, Ulan-  
Bator (for Dalkhazhav, Tuvdendorzh).

21(7) SOV/56-35-2-56/60  
 AUTHORS: Gramenitskiy, I. M., Danysh, M. Ya., Lyubimov, V. B.,  
 Podgoretskiy, M. I., Tuvdendorzh, D.  
 TITLE: Concerning the Problem of the Angular Correlation Between the  
 Secondary Particles Which Are Generated in Nuclear Collisions  
 of High Energy (K voprosu ob uglovoy korrelyatsii mezhdu  
 vtorichnymi chastitsami, obrazuyushchimisya v yadernykh  
 stolknoveniyakh vysokoy energii)  
 PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,  
 Vol 35, Nr 2(8), pp 552-553 (USSR)  
 ABSTRACT: The above-mentioned relativistic particles were generated by  
 the interaction of protons ( $\sim 9$  BeV) with the nuclei of the  
 photoemulsion. The authors measured the coefficient of the  
 correlation between the number of the particles which fly  
 away at different spatial angles. For the correlation co-  
 efficient  $R = n_1 n_2 - \bar{n}_1 \bar{n}_2$  the expression  $R = p_1 p_2 (\Omega_n - \bar{\Omega})$   
 may be obtained.  $n_1$  and  $n_2$  denote the numbers of the secondary  
 relativistic particles in any separate star the emission  
 directions of which are within the spatial angles  $\Omega_1$  and  $\Omega_2$ .

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Concerning the Problem of the Angular Correlation Between the Secondary  
Particles Which Are Generated in Nuclear Collisions of High Energy

$\bar{n}$  denotes the average number of the particle in the star and  $D_n$  - the dispersion of the particle number. In order to measure the value of  $R$ , the authors used 450 nuclear spallations which were found by examination of an emulsion chamber consisting of emulsions NIKFI - «R» with a density of 400  $\mu$ . This chamber was irradiated by the internal beam of the synchrophasotron of the Ob'yedinennyy institut yadernykh issledovaniy (United Institute of Nuclear Research). The investigation was carried out along the tracks made by the primary protons. For  $\bar{D}_n$  and  $\bar{n}$  the values  $3,64 \pm 0,15$  and  $3,23 \pm 0,09$  respectively, were found. Further investigations are based on the measurement of the quantity  $Q = \bar{R} - p_1 p_2 (D_n - \bar{n})$  for different values of the angles  $\Omega_1$  and  $\Omega_2$ . The results of these measurements are given in a table. According to these results, there is no total statistical independence between the emission directions of the secondary particles. 6 "narrow pairs" (uzkaya para) were found by the analysis of 375 spallations. The investigation of the correlations in the direc

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SOV/56-35-2-56/60

Concerning the Problem of the Angular Correlation Between the Secondary  
Particles Which Are Generated in Nuclear Collisions of High Energy

tions of emission of the secondary particles may be useful for the verification of the statistical theory of the multiple production of pairs. For this purpose, it is essential to investigate the elementary collisions of nucleons and pions with nucleons. Moreover, it is necessary to take into account the possible existence of angular correlations which are connected with the conservation laws. The authors thank E. V. Yesin, T. V. Pokidov, L. I. Fedorov and M. I. Filippov for their participation in carrying out measurements and D. S. Chernavskiy for his discussion of the results of this paper. There are 1 figure and 4 references, 2 of which are Soviet.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy  
(United Institute for Nuclear Research)

SUBMITTED: May 31, 1958

Card 3/3



TUVIKENE, L.M.

Apodizing diaphragms and diaphragms increasing the resolving power.  
Opt. 1 spektr. 10 no.2:284-287 F '61. (MIRA 14:2)  
(Light filters)

L 22122-66 EWT(1)

ACC NR: AP6004922

SOURCE CODE: UR/0056/66/050/001/0076/0077

AUTHOR: Kirillova, L. F.; Nikitin, V. A.; Sviridov, V. A.; Strunov, L. N.;  
Shafranov, M. G.; Korbel, Z.; Rob, L.; Zlateva, A.; Markov, P. K.; Todorov, T.;  
Khristov, L.; Chernev, Kh.; Dalkhazhav, N.; Tuvdendorzh, D.

ORG: /Kirillova; Nikitin; Sviridov; Strunov; Shafranov/ Joint Institute of  
Nuclear Research, Dubna (Ob'yedinennyy institut yadernykh issledovaniy); /Korbel;  
Rob/ Czechoslovakian Higher Technical School, Prague (Chekhoslovatskoye Vyssheye  
tekhnicheskoye uchilishche); /Zlateva; Markov; Todorov; Khristov; Chernev/ Physics  
Institute, Bulgarian Academy of Sciences, Sofia (Fizicheskiy institut Bolgarskoy  
Akademii nauk); /Dalkhazhav; Tuvdendorzh/ Institute of Chemistry and Physics,  
Mongolian Academy of Sciences, Ulan-Bator (Institut khimii i fiziki Mongol'skoy  
Akademii nauk)

TITLE: Real part of the pp elastic scattering amplitude at 2, 4, 6, 8, and 10 Gev

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50, no. 1, 1966,  
 76-77

TOPIC TAGS: proton scattering, elastic scattering, scattering amplitude, differ-  
 ential cross section, nuclear scattering

Card 1/2

L 22122-66

ACC NR: AP6004922

ABSTRACT: This is a continuation of earlier work by the authors (Phys. Lett. v. 13, 93, 1964) in which they present results of the measurements of the real part of the nuclear elastic scattering amplitude for an energy of 4 Gev, and more precise data for energies 2, 6, 8, and 10 Gev, taking into account the relativistic corrections. The experimental technique was described elsewhere (PTE no. 6, 18, 1963). The differential cross section was measured in the interval  $0.003 < |t| < 0.2 \text{ (Gev/c)}^2$  ( $t$  = momentum transfer squared). The analysis of the obtained data as well as those reported by others was based on the Bethe formula (Ann. of Phys. v. 3, 190, 1958) with allowance for radiative corrections. The results agree well with the theoretical curve proposed by Soding (Phys. Lett. v. 8, 286, 1963), up to an energy of 20 Gev, above which some discrepancy appears. Orig. art. has: 1 figure and 2 formulas.

SUB CODE: 20/ SUBM DATE: 25Aug65/ ORIG REF: 001/ OTH REF: 008

Card 2/2

BK

TUVIN, R.M.

Review of S.A. Trusova and V.K. Fertman's book "Aromatic spirits  
and infusions for the production of liqueurs and vodka." Spirt.  
prom. 24 no.2:39-40 '58. (MIRA 11:3)

(Liquors)  
(Fertman, V.K.)

TUVCHENKO, A. I.

"The Synapses of the Cortex in the Occipital Lobe of the Cerebrum of Dogs." Cand Med Sci, Minsk State Medical Inst, Minsk, 1955.  
(KL, No 13, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical  
Dissertations Defended at USSR Higher Educational Institutions (15)

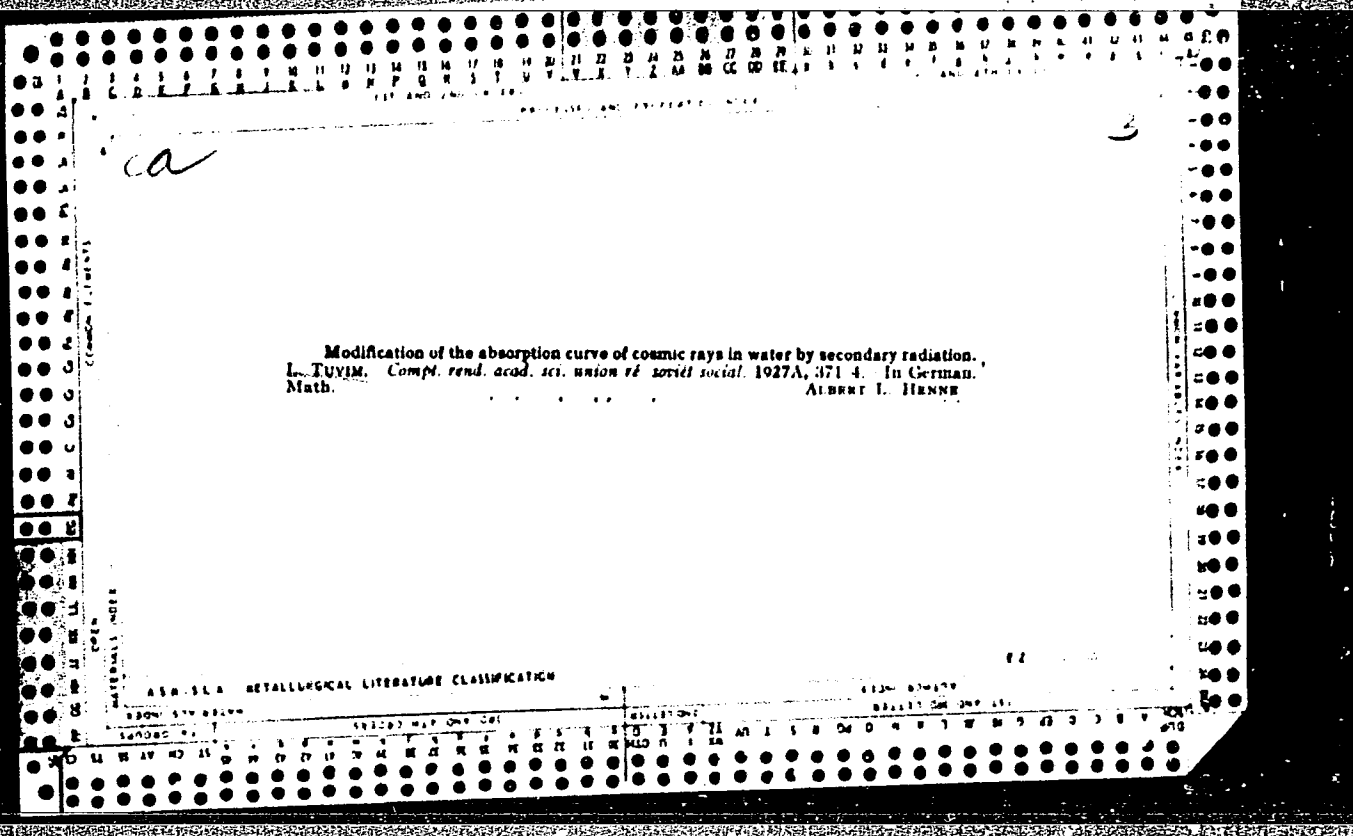
TUVERIKIN, S

TUVERIKIN, S.

In our Uralvagon plant. Za rul. 14 no.8:9 '56. (MIRA 10:9)

1. Predsedatel' pervichnoy organizatsii Dobrovol'nogo obshchestva  
sodeystviya armii, aviatsii i flotu.  
(Ural Mountain region--Automobile drivers)

1ST AND 2ND GROUPS																									
PROCESSING AND PREPARATION													1ST AND 2ND GROUPS												
<p>Modification of the absorption curve of cosmic rays in water by secondary radiation  L. TUVIM. Compt. rend. acad. sci. union re. soviet social. 1927A, 371-4. In German.  Math. ALBERT I. HENNE</p>																									
<p>ASAC-54A METALLURGICAL LITERATURE CLASSIFICATION</p>																									





GOKHMAN, Ye.V.; GORELIK, I.G.[deceased]; PETROVA, T.D.; TOVSKAYA,  
N.I.; ROMANOVA, P.M.; NARKOTSKAYA, I.V.; TSYRLIN, L.M.,  
red.

[Ferrous metallurgy of capitalist countries; a statistical  
manual] Chernaya metallurgiya kapitalisticheskikh stran;  
statisticheskii spravochnik. [By] E.V.Gokhman i dr. Izd.3.,  
dop. Moskva, 1964. 335 p. (MIRA 18:4)

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut  
informatsii i tekhniko-ekonomicheskikh issledovaniy chernoy  
metallurgii.

GORELIK, I.G. [deceased]; GOKHMAN, Ye.V.; PETROVA, T.D.; TUVSKAYA, N.I.;  
ROMANOVA, P.M.; TSYRLIN, L.M., red.; KHUTORSKAYA, Ye.S., red. izd-  
va; ISLENT'YEVA, P.G., tekhn. red.

[Ferrous metallurgy in capitalist countries; statistical handbook]  
Chernaia metallurgiiia kapitalisticheskikh stran; statisticheskii  
spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po cherno  
i tsvetnoi metallurgii, 1961. 368 p. (MIRA 14:11)

1. Moscow. Tsentral'nyy institut informatsii chernoy metallurgii.  
(Iron industry—Statistics) (Steel industry—Statistics)



TUWIM, J.

Lokomotywa (The locomotive), by J. Tuwim. Reported in New Books,  
(Nowe Ksiazki), No. 6, March 15, 1956.

MELIKHAR, F. [Melichar, F.]; TUY, D.; KAN, V.

Diagnostic significance of the determination of transaminase activity in the blood serum of patients with epidemic hepatitis. Sov. med. 28 no.4:72-75 Ap '64.

(MIRA 17:12)

1. 2-ya terapevticheskaya klinika, Brno, i Bol'nitsa im. V'yetnamo-chekhoslovatskoy družby, Demokraticeskaya Respublika V'yetnam, Gayfong.

TUYCHEV, N.G.

Some characteristics of the growth and development of cotton plant in the early stage of vegetation as influenced by foliar feeding with macro- and microelements. Uzb. biol. zhur. 8  
no.3:42-47 '64. (MIRA 17:12)

1. Tashkentskiy sel'skokhozyaystvennyy institut.

TUYCHIBAYEV, M.; KRUSHILIN, A.S.

Movement of labeled assimilates from the cotyledons of cotton.  
Fiziol. rast. 12 no.3:412-415 My-Je '65. (MIRA 18:10)

1. Institut fiziologii rasteniy imeni K.A. Timiryazova AN SSSR,  
Moskva.

TUYCHUBAYEV, M.; KRUSHILIN, A.S.

Translocation of labelled assimilates from the individual leaves  
of a cotton plant. Fiziol.rast. 12 no.6:1045-1050 N-E '65.

(MIRA 18.12)

I. Institut fiziologii rasteniy imeni K.A.Timiryazova AN SSSR,  
Moskva. Submitted June 23, 1964.



KRUZHILIN, A.S.; TUYCHIBAYEV, M.

Role of organs in cotton ontogeny. Uzb. biol. zhur. 8 no.6:  
20-25 '64. (MIRA 18:3)

1. Institut genetiki i fiziologii rasteniy AN UzSSR.

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Card 1/2

SHARPATYY, V.A.; YANOVA, K.G.; TUYSHIYEV, A.V.; IBRAGIMOV, A.P.

Radiolytic properties of amino acids and peptides. Dokl. AN  
SSSR 157 no.3:660-663 JI '64.  
(MIRA 17:7)

1. Fiziko-khimicheskiy institut imeni L.Ya. Karpova. Predstav-  
leno akademikom I.I. Chernyayevym.

IBRAGIMOV, A.P.; TUYCHIEV, A.V.

Use of an aqueous glycine solution for the dosimetry of gamma  
radiation and fast neutrons. Atom. energ. 18 no.2:185-187 F 165.  
(MIRA 18:3)

h3231

S/844/62/000/000/044/129  
D287/D307

27.12.21  
AUTHORS: Ibragimov, A. P., Tulyaganov, A. and Tuychiyev, A. V.

TITLE: The effect of  $\gamma$  rays on aqueous solutions of monoamino monocarboxylic acids

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khimii. Ed. by L. S. Polak. Moscow, Izd-vo AN SSSR, 1962, 263-268

TEXT: The present work was carried out owing to the lack of information concerning the effects of irradiation on the concentration of monoamino monocarboxylic acids and on amino nitrogen, and on the determination of the decomposition products. 0.01 M and 0.05 M solutions of cysteine, glycine, alanine and serine were prepared and 10 ml of these solutions irradiation in fused ampoules with 77 r/sec from a  $\text{Co}^{60}$  radiation source. The concentration of cysteine, cystine and  $\text{H}_2\text{S}$  in the irradiated solutions was determined polarographically and the decomposition products of cysteine

Card 1/2

The effect of  $\gamma$  rays ...

S/844/62/000/000/044/129  
D287/D307

were analyzed by paper chromatography and densitometry. Similarly to decomposition products in the organism, the latter included cysteine, cysteic acid and taurine. Paper chromatographic investigations, Van Slyke's method and Conway's diffusion method for the determination of liberated  $\text{NH}_3$  proved that the rate of deamination depends on the concentration of the irradiated solution and on the type of amino acid. The amount of amino nitrogen was found to decrease rapidly in 0.05 M solutions of glycine, alanine and serine when the radiation dosage was increased. Deamination proceeded more readily in glycine solutions than in the other amino acids, i.e. in S-containing amino acids. There are 9 figures.

ASSOCIATION: Institut yadernoy fiziki AN UzSSR (Institute of Nuclear Physics, AS UzSSR)

Card 2/2

SHARPATYY, V.A.; YANOVA, K.G.; TUYCHYEV, A.V.; IBRAKIMOV, A.P.

Radiolysis of frozen aqueous solutions of some amino acids and  
peptides. Zhur. fiz. khim. 39 no. 1:232-235 Ja '65  
(MIRA 19:1)

1. Fiziko-khimicheskiy institut imeni L. Ya. Karpova, Moskva.  
Submitted May 9, 1964.



SADYKOV, A.S.; OTROSHCHENKO, O.S.; LEONT'YEV, V.B.; TUYCHIYEV, E.

Polarographic method for the quantitative determination of anabasine.  
Zhur.prikl.khim. 36 no,6:1296-1300 Je '63. (MIRA 16:8)  
(Anabasine) (Polarography)

TUYCHIEV, M.T.; KOROVIN, E.P., deystvitel'nyy chlen.

Vegetative propagation of the walnut in Central Asia. Dokl. AN Uz.SSR no.4:  
19-21 '49. (MLRA 6:5)

1. Institut botaniki i zoologii AN Uz.SSR (for Tuychiyev). 2. Akademiya  
Nauk Uzbekskoy SSR (for Korovin). (Soviet Central Asia--Walnut)

TUYEV, A.D.

29350 usloviya obrazovaniya gal'vanicheskogo elementa zuboprotezami i faktory, opredelyayushchiye yego EDS. Trudy Molotovsk. gos. stomatol. in-ta, vyp. 8, 1949 s. 133-38.-Bibliogr: 8 nazv.

SO: ~~Is~~topsi' Zhurnal'nykh Statey, Vol. 7, 1949

TUYEV, A. D.

PA 64/49T73

USSR/Medicine - Plastics  
Medicine - Stomatology

Jan/Feb/Mar 49

"Problem of the Chemical Stability of AER-7  
Plastics," A. D. Tuyev, Lab for Course on  
Phys Chem, Molotov Stomatol Inst, 2 pp

"Stomatol" No 1

Experiments were conducted to determine the  
effect of various solutions (NaCl, HCl, water,  
5% sugar solutions, etc.) on the chemical  
stability of subject plastic, intended for use  
in dental fillings. Determined that chemical  
stability was high, and compared favorably with  
stainless steel in corrosive resistance.

64/49T73

TUYEV, A.D.

36458.

O Vozdeystvii Okruzha--Yushchey Sredy Na Zubnyye Pro--tezy Iz Plastmassy Akr-7.  
Stomatologiya, 1949, No.4, S. 50-52

SO: Letopis' Zhurnal'nykh Statey, Vol. 49, Moskva, 1949

TUYEV. A.D.

29349 Gal'vanicheskiye toká vo rtu i deystviye ikh na organy rta i zuboprotezy.  
Trudy Molotovsk. gos. stomatol. in-ta, vyp. 8, 1949, s. 123-32, Bibliogr: 12 nazv.

SO: Letopsi' Zhurnal'nykh Statey, Vol. 7, 1949

BALANDIN, P.S.; GORLOV, I.A.; KAGARMANOV, N.F.; POBEDONOSTSEV, V.S.;  
TUYEV, D.D.; KHAMZIN, Sh.Kh.

Core recovering from the producing layer D<sub>1</sub> in the Tuymazy  
field. Neft. khoz. 40 no.5:59-62 My '62. (MIRA 15:9)  
(Tuymazy region—Core drilling)

TOYEV, G.V.; ZARETSKIY, L.S.

Phase polarography. Zav.lab. 29 no.11:1291-1293 '63.  
(MIRA 16:12)

1. Severo-Kavkazskiy filial konstruktorskogo byuro "TSvetmetavtomatika".



TUYEV, G.V.; ZARETSKIY, L.S.

Transducer of the automatic polarographic concentration meter  
LAPK-475. Zav. lab. 30 no.8-1025-1026 '64. (MIRA 18:3)

1. Severo-Kavkazskiy filial konstruktorskogo byuro "TSvetmetavtomatika".

TUYEV, G.V.; KUZ'MENKOV, I.N.; NEDEL'KO, N.I.; KONDRATENKO, M.I.

Automatic control of pulp density with the help of the type  
RRP-605 radioisotope relay. TSvet.net. 38 no.10:12-15 0 '65.  
(MIRA 18:12)

TUYEV, N.A.; SIMAKOV, V.N.; LAVROV, B.B.

Study of molybdenum (VI) complex formation with specific humic  
and some carboxylic acids by the infrared spectroscopy method.  
Vest. IGU 20 no.3:126-137 '65. (MIRA 18:2)

SIMAKOV, V.R.; TUYEV, N.A.

Influence of peat compost and clays on the effectiveness of  
molybdenum fertilizers in Podzolic sandy soils. Vest. LGU 19  
no.15:111-123 '64. (MIRA 17:11)

Tuyev, N. P.

USSR/ Geology

Card 1/1

Pub. 22 - 40/52

Authors :

Tuyev, N. P.

Title :

Lower chalk deposits of neighboring Dzhungaria

Periodical :

Dok. AN SSSR 100/2, 351-354, Jan 11, 1955

Abstract :

Geological data are presented regarding the origin of lower chalk deposits discovered along the southern slope of the Sel'kentay mountain on the right shore of the Dyam River in Dzhungaria. One Soviet references (1940).

Institution :

All-Union Petroleum Scientific Research Geological Exploration Institute

Presented by :

Academician S. I. Mironov, September 16, 1954

TUYEV, V.A., master

Simple method of cleaning anode heads of rectifiers. Elek. i  
tepl.tiaga 3 no.2:29 F '59. (MIRA 12:4)

1. Barabinskiy uchastok energosnabzheniya, Omskaya doroga.  
(Mercury-arc rectifiers—Cleaning)

TUYEV, V.G., inzh.; VENEDIKTOV, T.G., inzh.

Loading ties and short pieces of lumber using a "cap."  
Zhel. dor. transp. 41 no.5:60-62 My '59. (MIRA 12:7)  
(Railroads--Freight cars)  
(Loading and unloading)  
(Lumber--Transportation)

AUTHORS: Tuyev, V.S. and Nadyrov, U.G., Engineer SOV/117-58-12-26/36

TITLE: Some Problems of Mechanization of Boiler Production (Nekotoryye voprosy mekhanizatsii kotel'nogo proizvodstva)

PERIODICAL: Mashinostroitel', 1958, Nr 12, p 35 (USSR)

ABSTRACT: Information is given on deficiencies existing in the production of parts at the Tambov Plant of Chemical Machine Building. The supply of flanged and elliptic bottom parts from other plants entails considerable difficulties, cost, etc, and production at the plant itself is only possible by manual processes. Tests carried out to introduce mechanized production were unsuccessful, due to the lack of machine tools. It is requested to supply plants making chemical equipment with the necessary machine tools to improve the quality of the manufactured parts and to reduce production costs.

ASSOCIATION: Tambovskiy zavod khimicheskogo mashinostroyeniya (Tambov Plant of Chemical Machine Building)

Card 1/1



TUYEV, V.S.; NADYROV, U.G.

Mechanization of boiler manufacture. Mashinostroitel' no.12:35  
D. '58. (MIRA 11:12)

1. Tambovskiy zavod khimicheskogo mashinostroyeniya.  
(Boilers)

BUKHMANN, G.D., inzh.; TUYEVA, A.A., inzh.

Improving the performance of turbine oil coolers. Elek.sta. 28 no.12:65  
D '57. (MIRA 12:3)

(Oil coolers)

*TUYEVA, A.A.*  
BUKHMAN, G.D., inzh.; TUYEVA, A.A., inzh.

Effect of turbine design on the life of turbine oils. Elek.sta.  
29 no.1:79-81 Ja '58. (MIRA 11:2)  
(Lubrication and lubricants)

TUYEVA, O. F.

Dissertation defended in the Botanical Institute imeni V. I.  
Komarov for the academic degree of Doctor of Biological Sciences:

"Absorption and Use of Phosphorus by Plants."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

1ST AND 2ND ORDER										3RD AND 4TH ORDER									
PROCESSING AND PROPERTY INDEX																			
<div style="display: flex; justify-content: space-between;"> <span>BC</span> <span>A-A</span> </div> <p>Accumulation of phosphorus acid by barley in an aqueous solution. Q. Times. (Bull. Inst. Technol. Ind. Univ. Tokyo, 1959, 6, No. 6, 241--275).--With high concentration of phosphate absorption continued to the end of the vegetative period, and migration of phosphate from vegetative to reproductive organs did not occur. Such migration occurred on restriction of the quantity of phosphate. An excess reduces the yield.</p> <p style="text-align: right;">CHEMICAL ABSTRACTS.</p>																			
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1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
<p>ca 15</p> <p>The influence of potassium on cotton. D. P. Tsvetov.            Lenin Acad. Agr. Sci. U. S. S. R., Central Agr. Sci.            Research Cotton Inst., Ak-Kavak Central Expt. Sta.            (Tashkent), <i>Fertilizers for Cotton</i> Pt. 1, 48-51(1933).—            K alone extends the period of the flowering of cotton.            It is effective on the yield primarily in combination with            N and <math>P_2O_5</math>. It increases the total leaf surface when ap-            plied in moderate quantities. Increased applications of            KCl decrease the total leaf surface. V. S. Tolle</p>																																																			
<p>ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			

The influence of nitrogen and phosphoric acid on the speed of growth and yield under conditions of pot experiments. O. F. Tuerk. Lenin Acad. Agr. Sci. U. S. S. R., Central Asia-Sci.-Research Cotton Inst., Ak-Kavak Central Expt. Sta. (Tashkent), *Fertilizers for Cotton*. Pt. 1, 69-9 (in English 60) (1933).—The higher the ratio of P<sub>2</sub>O<sub>5</sub> to N in the fertilizer mixt. the earlier the blooming period arrives and the quicker the plants mature. N alone retards the maturity of cotton. J. S. Joh.

TUYEVA, O.F.; SAMOYLOVA, S.A.

Characteristics of nitrogen and phosphate nutrition and the activity  
of plant root systems. Trudy Inst.fiziol.rast. 6 no.1:118-138 '48.  
(MLRA 9:9)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva AN SSSR.  
(Minerals in plants)



11-D

CA

Consequences of phosphate and nitrogen starvation in plants. O. F. Tureva and S. A. Samoilova. *Doklady Akad. Nauk S.S.S.R.* 59, 589-92 (1948). Tissues of plants after P or N deficiency have a high capacity for the elements which were deficient during the exptl. period. The root tissues not only develop this property, but also have improved desorption rate for these substances. P deficiency leads to ammonia-N accumulation in the leaf tissues and causes the specific characteristics of P deficiency. The results are based on expts. with squash plants. In P deficiency the ability to synthesize nucleoproteins is not decreased, but actually is enhanced to a significant degree. P deficiency leads to the development of processes of metabolism which give rise to toxic or formative products, and plants placed on subsequent P-sufficient nutrition often develop symptoms of intoxication giving leaves and shoots of subnormal size. In N deficiency, however, the plants return to normal rapidly (often within 1-2 days). G. M. Kosolapoff

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM ROW 177

011111 ONE ONE 151

TUYEVA, O. F.

PA 53/49T71

USSR/Medicine - Plant Physiology  
Agriculture - Organic Chemistry

Oct 48

"Action of Phosphate Nutrition on the Absorption  
and Distribution of Nitrogen in Plants," O. F.  
Tuyeva, S. A. Samoyliva, Inst of Plant Physiol  
imeni K. A. Timiryazev, Acad Sci USSR, 3½ pp

"Dok Ak Nauk SSSR" Vol LXII, No 5

Observations of leaves showed that lack of phos-  
phorus led to poor absorption of nitrogen by plants.  
Experiments on gourds confirmed this point. Adding  
ammonium variant, however, indicated no improvement.  
Submitted by Acad N. A. Maksimov, 18 Aug 48.

53/49T71

KURSANOV, A.L.; TUYEVA, O.F.; VERESHCHAGIN, A.G.

Carbohydrate and phosphorus metabolism and the synthesis of amino acids in the roots of the pumpkin. (Curcubita pepo). Fiziol. rast. 1 no.1:12-20 S-O '54. (MIRA 8:10)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva Akademii nauk SSSR, Moscow.  
(Plants--Metabolism) (Pumpkin) (Roots (Botany))

LUYEVA, O.F.

In memory of Il'ya Ivanovich Kozlov July 1908 - June 1967  
 H. G. ...  
 Biography of his work in paleo-anthropology and the  
 discovery of Neanderthal man.

PT

TUIEVA, O.F.; BURKIN, I.A.

All Union Conference on Minor Elements. Fiziol.rast. 2 no.5:511-512  
'55. (Trace elements) (MLRA 9:2)

TUYEVA, O.F., kandidat biologicheskikh nauk

Sixteenth Timiriachev lecture. Vest. AN SSSR 25 no. 9: 105-106 8'55.  
(Plants--Nutrition) (MIRA 8:12)

TUYEVA, O.F.

Cycle of mineral substances in plants as exemplified by nitrogen  
and phosphorus. Fiziol. rast. 12 no.5:784-793 S-O '65. (MIRA 19:1)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR, Moskva.

TUYEVA, O.F.

Studying the phosphorus metabolism and productivity of plants  
as functions of the nitrogen balance in experiments using  
 $P^{32}$ . Fiziol.rast. 7 no.1:3-12 '60. (MIRA 13:5)

1. K.A.Timiriazev Institute of Plant Physiology, U.S.S.R.  
Academy of Sciences, Moscow.  
(Botany--Physiology) (Phosphorus metabolism)  
(Nitrogen metabolism)



KLIMASHEVSKIY, Eduard Leonardovich; TUYEVA, O.F., otv. red.;  
KRASIL'NIKOVA, G.V., red.izd-va; YEGOROVA, N.F.,  
tekhn. red.

[Nutrition of corn in turf Podzolic soils] Pitaniye kuku-  
ruzy na dernovo-podzolistykh pochvakh. Moskva, Izd-vo  
"Nauka," 1964. 110 p. (MIRA 17:3)

TUYEVA, O. F.

Doc Biol Sci - (diss) "Absorption and utilization of phosphorus by the plant." Moscow, 1961. 32 pp; (Academy of Sciences USSR, Botany Inst imeni V. L. Komarov); 250 copies; price not given; list of author's works at end of text (11 entries); (KL, 10-61 sup, 210)

TUYEZOV, I.K.

Some regularities in density change of Mesozoic and Cenozoic  
sediments in the middle Irtysh Valley. Trudy SNIIGGIMS no.1:  
143-147 '59. (MIRA 1524)  
(Irtysh Valley--Geology, Stratigraphic)

TUYEZOV, I.K.

Methodology of processing material from the reflection method  
in the Tara portion of the Irtyush Valley. Trudy SNIIGGIMS  
no.1:148-151 '59. (MIRA 15:4)  
(Tara region (Omsk Province)---Seismic prospecting)

TUYEZOV, I.K.; NIKOLAYEV, V.I.; ZLATOPOL'SKAYA, A.V.

Use of seismic sounding in the Ishim-Irtysh interfluve.  
Rasved.i prom.geofis. no.31:13-22 '59. (MIRA 13:4)  
(Ishim Valley--Prospecting--Geophysical methods)  
(Irtysh Valley--Prospecting--Geophysical methods)

TUYEZOV, I.K.

Methods used in the search and detailed study of Mesozoic-Cenozoic structures in the Tara region of the Irtysh Valley. Razved. i prom. geofiz. no. 34:34-38 '60. (MIRA 13:12)  
(Tara District--Seismic prospecting)

TUYEZOV, I.K.; KOVALEVSKIY, G.L.

Geology of the second structural stage in the Ishim-Irtysh interfluve  
in the light of geophysical data. Geol. i geofiz. no.4:88-95 '61.

(MIRA 14:5)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki  
i mineral'nogo syr'ya, Novosibirsk.  
(Irtysh Valley--Geology) . (Ishim Valley--Geology)

TUYEZOV, I.K.

Characteristics of the second structural stage of the southern part of Western Siberia based on geological and geophysical data. Trudy SNIIGGIMS no.27:7-24 '62. (MIRA 16:9)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya.  
(Siberia, Western) (Geology, Structural)



ТУЕЗОВ, И. К.

Dissertation defended for the degree of Candidate of Geologo-Mineralogical Sciences at the Joint Academic Council on Geologo-Mineralogical, Geophysical, and Geographical Sciences; Siberian Branch

"Tectonics of the Second Structural Stage of the Central Irtysh Area of the Western Siberian Depression in Relation to Evaluation of Petroleum Gas-Content Prospects (From Geologo-geophysical Data)."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

ACC NR: AP7005462

SOURCE CODE: UR/0030/00/000/005/0050/0054

AUTHOR: Fotiadi, E. E. (Corresponding member AN SSSR); Nikolayovskiy, A. A.;  
Tuyozov, I. K.

ORG: none

TITLE: Geophysical investigations of structure of the crust and upper mantle in the eastern USSR

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TOPIC TAGS: earth crust, upper mantle, tectonics/Kurilo Islands, Kamchatka

ABSTRACT: Data from regional geophysical work and deep seismic sounding of the earth's crust in the Eastern USSR now have made possible preparation of a map of the tectonic structure of the area, which accompanies this article. The crust can be divided into three parts: oceanic, continental and transitional. Studies made by the Institute of Geology and Geophysics of the Siberian Department Academy of Sciences have shown that changes of the thickness of its "basalt" layer, are related clearly to the character of the Neogene-Quaternary structure, whereas the thickness of the "granite" layer has an obvious relationship not only to neotectonics, but also a close relationship to the pre-Cenozoic structure and the history of its development. For example, the regions of Mesozoic folding of the outer zone (the Northeast and Primorye), in comparison with regions of Cenozoic folding of the inner zone of the Pacific Ocean zone, are characterized by a thicker crust and a higher degree of gran-

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itization. New deep seismic sounding data in the region of the Kurilo Islands indicate a complex block character of deep crustal structure caused to a greater degree by change of the composition of its rocks than a change of thickness. The velocity of propagation of elastic waves at the M discontinuity in the southern regions is considerably greater than in the region of the underwater Vityaz' Range — 7.8-8.2 km/sec and 7.0-7.2 km/sec respectively. Specialists of the Sakhalin Integrated Scientific Research Institute have formulated a model of the earth's upper mantle with four asthenospheric layers at depths of 65-90, 120-160, 230-300 and 370-430 km, alternating with layers of high strength of matter. The asthenospheric layers are characterized by high absorption of transverse seismic waves, indicating a plasticity of the matter of these layers. The volcanoes of the Kuriles are projected onto the second asthenosphere, which must be regarded as a zone of magma formation. In eastern Kamchatka and in the Kuriles there is a system of faults associated with the continent-ocean boundary zone which extends to a depth of 500 km. The system of faults associated with the trench is traced only to depths of 200-250 km. Orig. art. has: 1 figure. [JPRS: 37.710]

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TUYEZOV, I.K.; UMPEROVICH, N.V.

Studying the surface of the Pre-Jurassic basement of the  
West Siberian Plain by the method of reflected waves.  
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